

ExpressBox 3T

1 SLOT THUNDERBOLT™ 2 TO PCI EXPRESS® EXPANSION



CONNECT PCIE® CARDS WITH THUNDERBOLT 2 TECHNOLOGY

- Supports (3) full-length PCI Express cards
- Two x8 and One x4 - PCIe Gen 2 (one slot accomodates x16 card)
- Thunderbolt features speeds up to 20 Gbps
- Daisy-chain up to six Thunderbolt devices
- 250W power supply with auxillary power connectors



MAGMA™ ExpressBox 3T

Connect PCI Express® Cards to a Thunderbolt™ equipped computer and experience blazing-fast data transfer.

PCI EXPRESS, MEET THUNDERBOLT

The Magma ExpressBox 3T is designed to match the throughput established by Intel's Thunderbolt technology and the majority of PCIe cards on the market today. The expansion chassis contains three PCI Express slots connected to the computer through a Thunderbolt cable. Add one or more PCIe cards to Magma ExpressBox 3T and your Thunderbolt equipped computer turns into a powerful audio/video editing or scientific workstation.

HIGH-SPEED I/O TECHNOLOGY

Developed by Intel® and brought to market with collaboration from Apple, Thunderbolt technology is a high-speed I/O technology running at 20 Gbps per second that brings together high-speed data transfer and high-definition (HD) display on to a single cable. High performance workflows are possible by connecting a Thunderbolt equipped computer to a Magma ExpressBox 3T containing PCIe cards for video capture, media transcoding, audio processing and fast data storage. And, because Thunderbolt is also based on DisplayPort technology, you can daisy chain a high-resolution display with your Magma ExpressBox 3T.





Optional built in drivebay for up to four (4) 2.5" SSD or SAS/SATA drives.



Hot-swappable fan provides reliable cooling.

BENEFITS

- Attach PCIe cards to Thunderbolt equipped mobile and all-in-one computers
- Extension of PCI Express signals outside the computer
- Easily use PCIe cards with multiple computers
- Daisy-chain or end-point device

FEATURES

- Easy Plug and Play installation
- Use any combination of x1, x4, x8 and x16 PCIe cards
- Control fan speed and noise
- Hot-swappable cooling fan
- Additional blower fan for extra hot cards
- 220W-250W Power Supply with auxillary tabs
- Optional built in drivebay for up to four (4) 2.5" SSD or SAS/SATA drives

ROCK SOLID INNOVATION – PCI EXPRESS EXPANSION MADE SIMPLE

Magma ExpressBox 3T provides a seamless solution for using PCI Express cards with Thunderbolt enabled computers. Many companies have a significant investment in PCI Express cards but as the size of computers gets smaller, available expansion slots have been reduced or completely eliminated. The Magma ExpressBox 3T system provides a “migration path” to Thunderbolt enabled computers while protecting your investment in PCI Express hardware.

Thunderbolt to PCIe expansion is a natural evolution for Magma’s ExpressBox family of products. Magma’s expertise in developing products that extend PCI and PCI Express signals over a cable and outside the computer provides a reliable foundation for producing rock solid products that perform as expected even in the most demanding configurations.

EB3T FRONT AND REAR VIEW

1. Power Indicator
2. PCIe card slot openings
3. Thunderbolt ports
4. Power cord socket



HARDWARE INCLUDED

5. Blower (if needed for cooling)
6. Carry Bag
7. U.S. Power Cord



SPECIFICATIONS

MODEL NAME

EB3T: Thunderbolt 2 to PCIe
Expansion - 3 Slot

BACKPLANE

(3) Full Length PCI Express Slots*
-two x8 PCIe 2.0
-one x4 PCIe 2.0
One slot accommodates x16

CABLE REQUIRED

Thunderbolt (Sold Separately)

INTERCONNECT BANDWIDTH

20 Gbps Bi-directional

HARD DRIVE SUPPORT

Optional drivebay for up to four (4)
2.5" SSD or SAS/SATA drives*

Weight

EB3T: 6lbs (2.72kg)
EB3T-DB: 7.65lbs (3.47kg)

ENCLOSURE

Aluminum Chassis
14.6" L x 4.3" W x 7.9" H
371mm x 110mm x 200mm

SYSTEM COOLING

(1) Hot Swappable Fan
(1) Removable Blower Fan

CHASSIS POWER SUPPLY

250W Power Supply
100-240 VAC, 50-60HZ
Two auxilliary power tabs

ENVIRONMENTAL

Ambient Temperature 0° to 50° C
Storage Temperature -20° to 60° C
Relative Humidity: 5% to 85% non-condensing

MTBF

50,000 hours

REGULATORY COMPLIANCE

FCC Class A Verified
RoHS Compliant



SUPPORTED OPERATING SYSTEMS

Windows
MacOS

WARRANTY

Money back guarantee
1 year return to factory



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*When using the drivebay, maximum card length is limited to 8.5"